

ARTHRAZON HISPIDUS (POACEAE), NEW TO TEXAS

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ABSTRACT

Arthraxon hispidus (Thunb.) Makino is reported new to Texas from Cass County. This collection is a slight range extension from adjacent localities in Arkansas and Louisiana.

KEY WORDS: *Arthraxon*, Poaceae, Texas

Arthraxon hispidus (Thunb.) Makino, an introduced Asian grass, was found on a roadbank along U.S. highway 59 in Cass County, northeast Texas. The nearest sites to this locality are Claiborne Parish, Louisiana (Allen 1980), and Pike and Clark counties in Arkansas (Smith 1988). Neither Johnston (1989, 1990) nor Hatch *et al.* (1990) listed this species for Texas.

This grass has spread to the following states since Kiger's (1971) distributional summary: West Virginia, Ohio, Kentucky, Indiana (Cusick 1986) and now Texas. Van Welzen (*Blumea* 27:255-300, 1981) has lately revised the genus. It is of interest to note that *Microstegium vimineum* (Trin.) A. Camus, another introduced Asian grass and reported as a frequent associate in other states, was found recently in nearby Bowie Co., Texas (Nixon *et al.* 1987).

Specimen collected: UNITED STATES. Texas: Cass Co., along highway 59, 0.25 mi N of Linden, 22 Sep 1991, *Jeff Schultz 0308A* (SBSC,TAES). The plants were growing in wet to moist soils in the full sun of an open area. Some associated plants were *Panicum* spp., *Onoclea sensibilis* L., *Vernonia missurica* Raf., and *Helianthus angustifolius* L. Figure 1 is a drawing of this Texas collection.

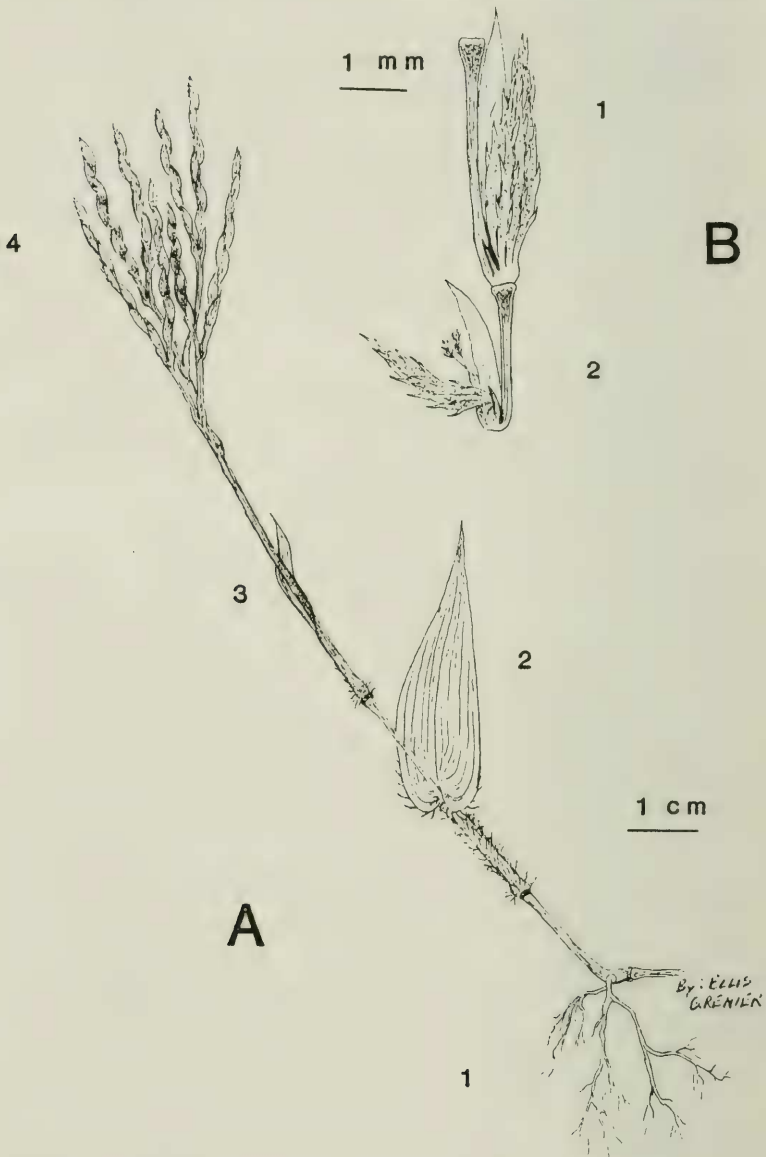


Figure 1. *Arthraxon hispidus*. A. portion of plant with: 1. adventitious roots, 2. foliage leaf, 3. bractlike leaf subtending the inflorescence, 4. inflorescence. B. two spikelets on rachis: 1. closed spikelet, 2. open spikelet. The pedicelled spikelet is reduced to the small pedicel at the base of the spikelet.

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